

C I P E
NOV 01 2004
JC37
PATENT & TRADEMARK OFFICE

REPLACEMENT SHEET

09/535,889
2663

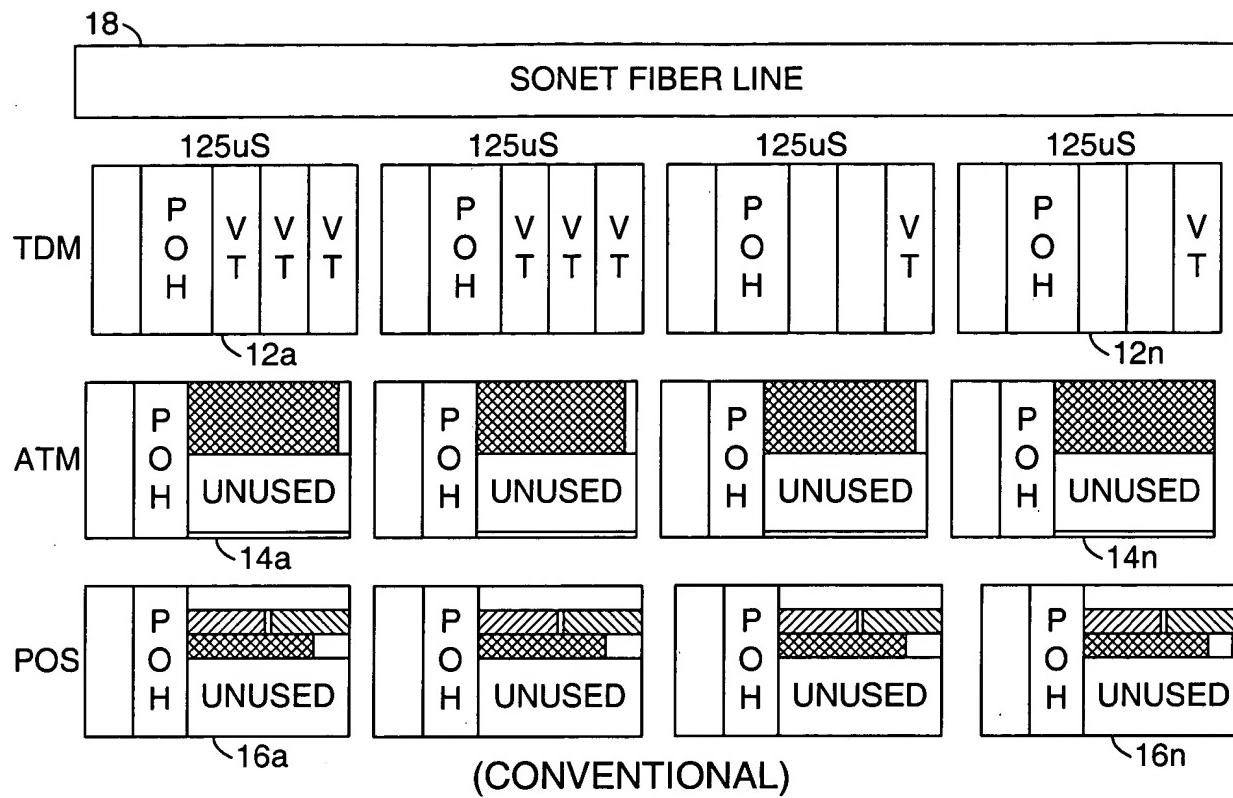
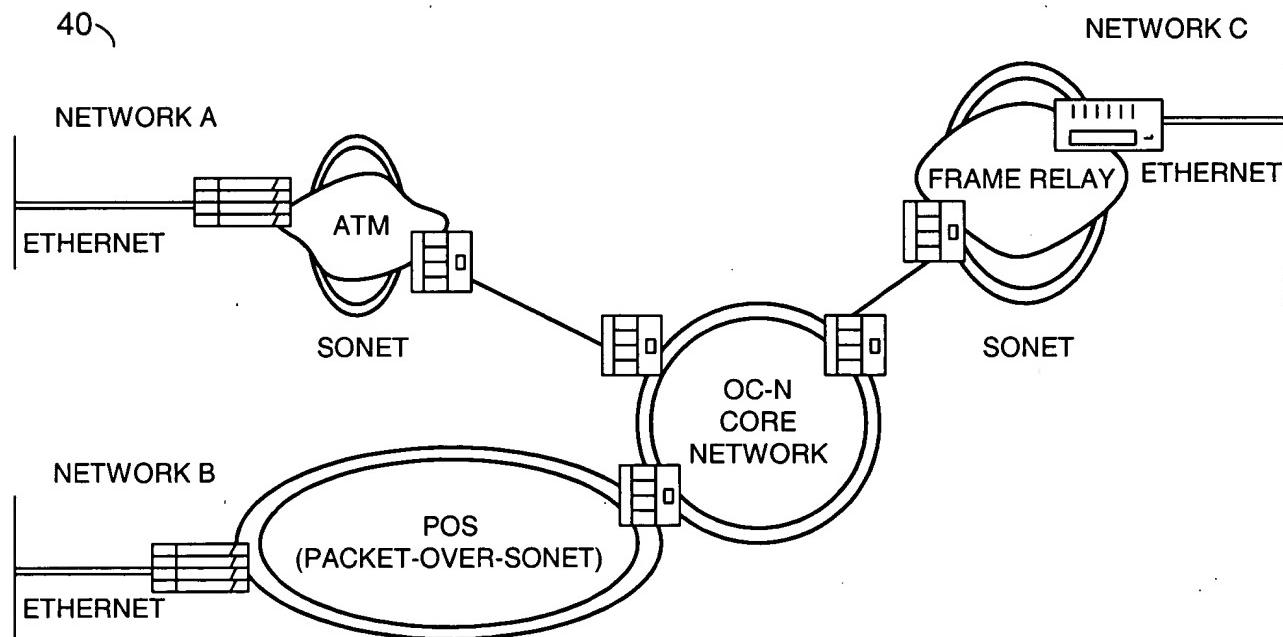


FIG. 1



(CONVENTIONAL)

FIG. 2

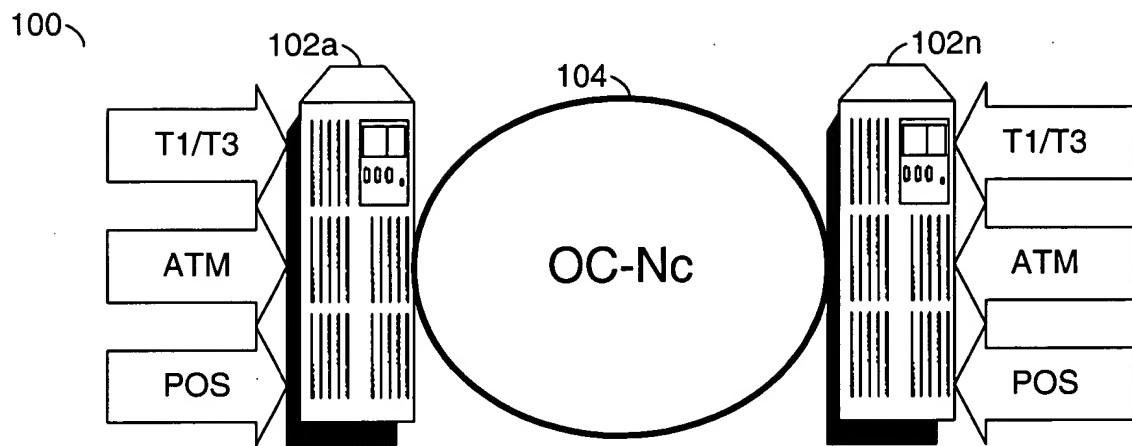


FIG. 3

100

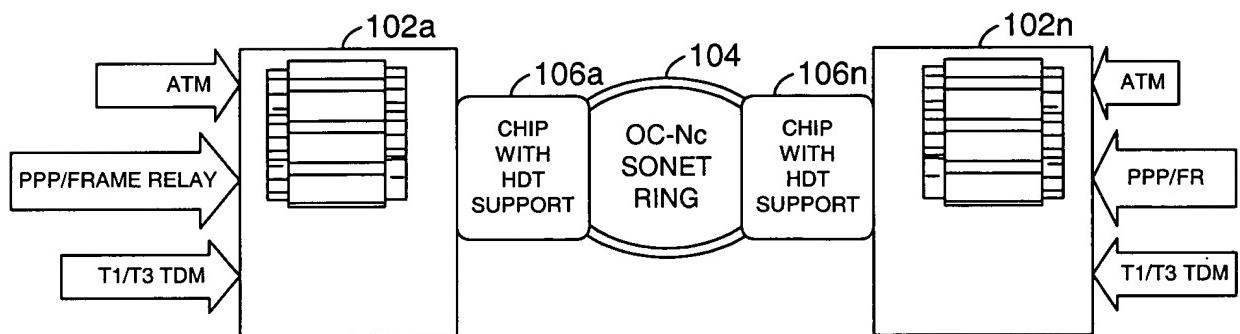


FIG. 4

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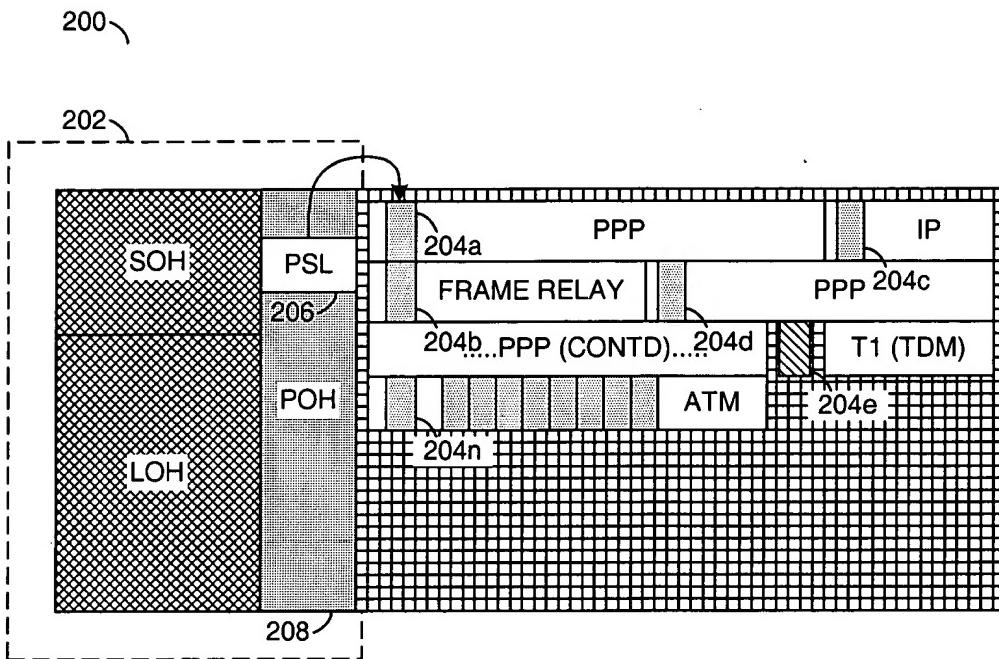


FIG. 5

The table shows the detailed structure of a packet header with the following fields and their widths:

152	154	156	158	160	162	164	
PACKET IDENTIFICATION	MPLS LABELS	LAYER 2 ADDRESSES		DATA IDENTIFIER	LAYER 3 ADDRESSES	USER DATA	ERROR DETECTION
IDENTIFY THE KIND OF PACKET BEING CARRIED (ETHERNET, PPP, FRAME RELAY, ETC.)	ONE OR MORE 32-BIT WORDS	DESTINATION MAC (6 BYTES)	SOURCE MAC (6 BYTES)	PROTOCOL IDENTIFIER OR IEEE802.3 LENGTH FIELD (2 BYTES)	...NETWORK LAYER ADDRESSES...	..PAYLOAD..	CRC

FIG. 6

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200

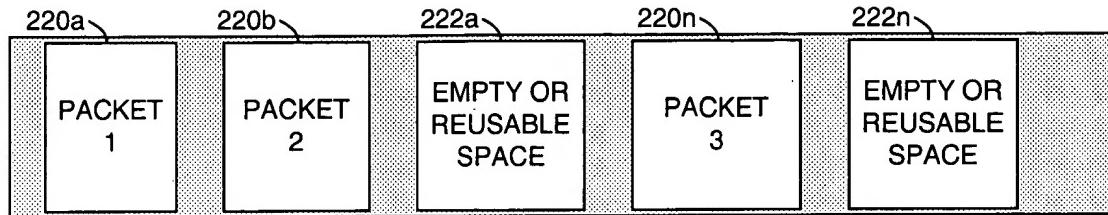


FIG. 7

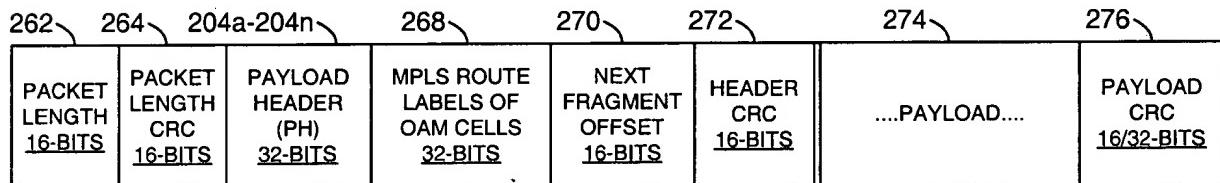
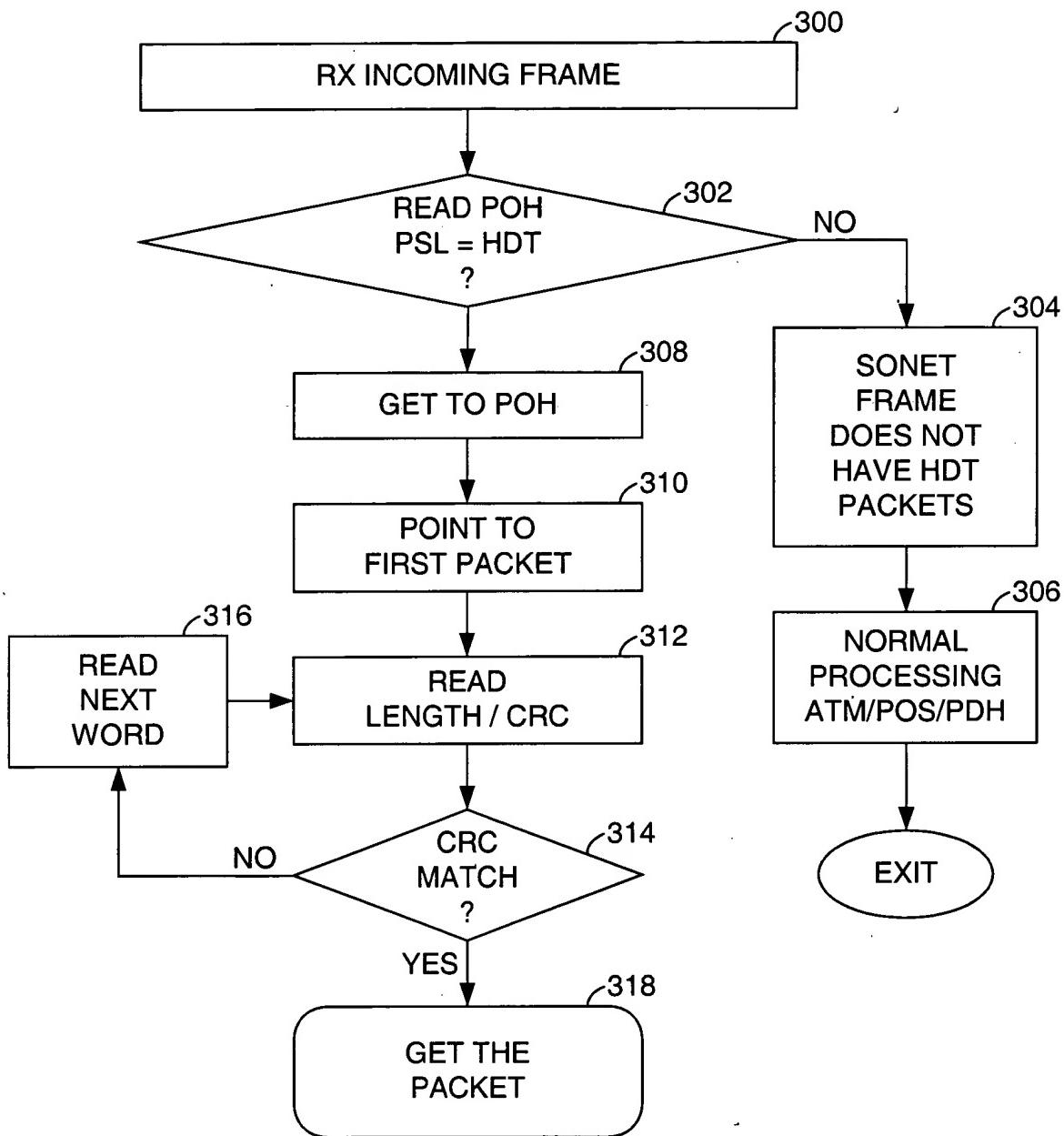


FIG. 8

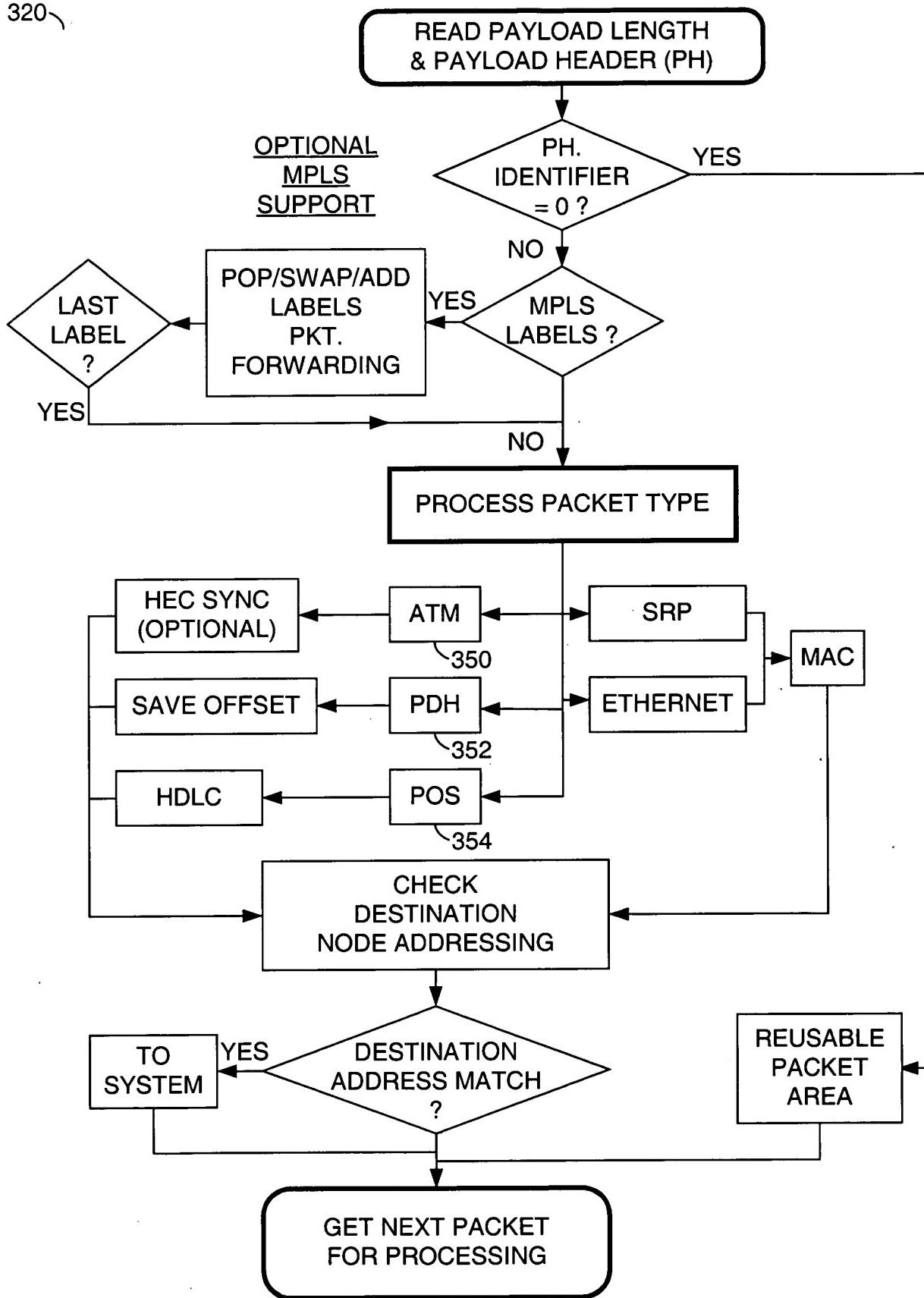
204a

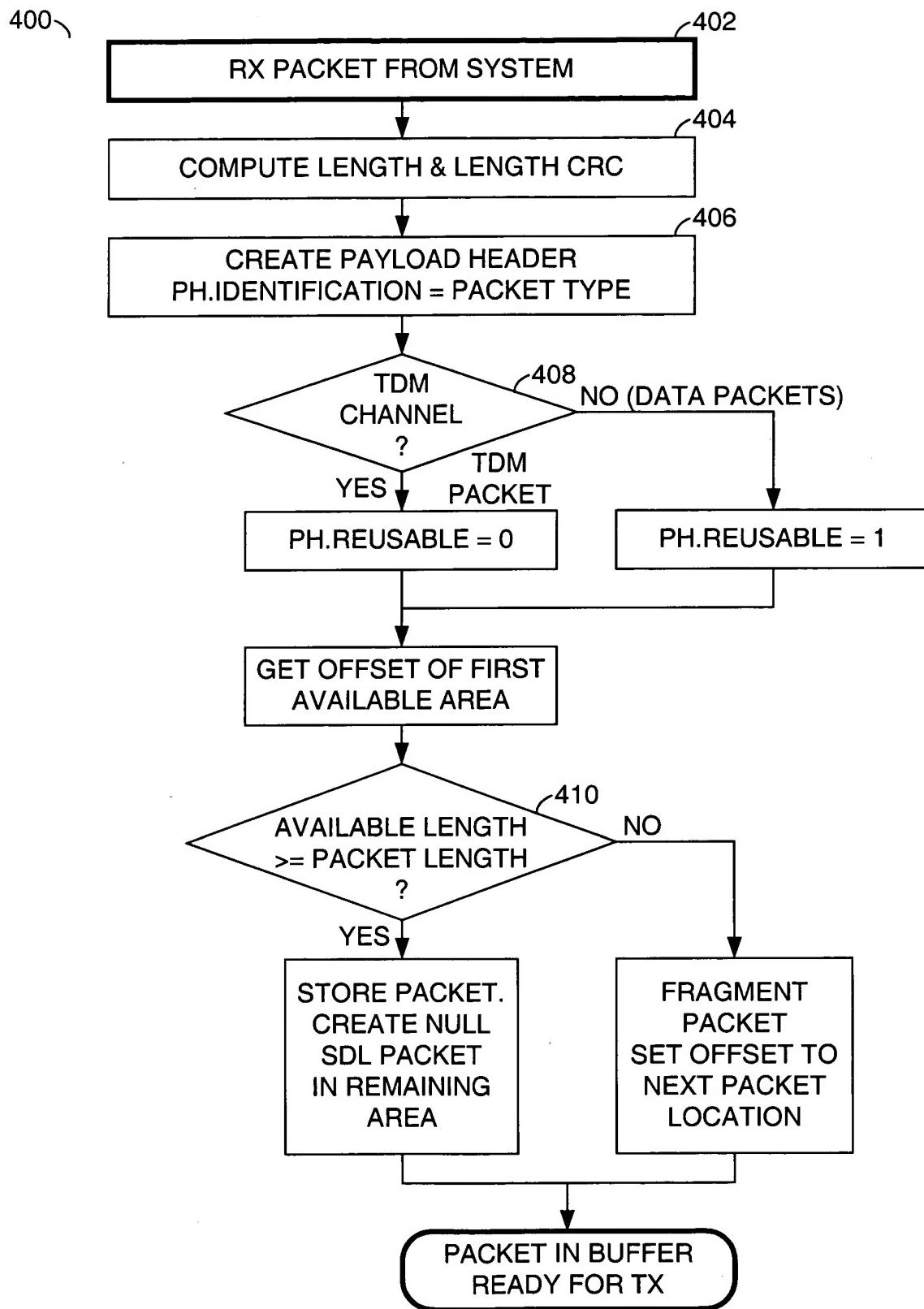
292	290	288	286	284	282	280
UNUSED D31:D20	PADDING D18:D19	FRAGMENT ID D17:D16	HEADER LENGTH D15:D8	PACKET REUSE D7	HEADER DATA D6:D4	PACKET IDENTIFIER D3:D0
RESERVED FOR FUTURE USE	00 : NO PAD 01 : 1-BYTE PAD 10 : 2-BYTE PAD 11 : 3-BYTE PAD	00 NO FRAG. 01 INITIAL PKT 10 CONT. PKT 11 END PKT	LENGTH OF HEADER BYTES	0 NO 1 YES	000 001 010 011- 111 NONE MPLS OAM (FUTURE USE)	0000 0001 0010 0011 0100 0101 0111 - 1111 NULL PACKET ATM CELLS PPP IP ETHERNET PDH (FUTURE USE)

FIG. 9

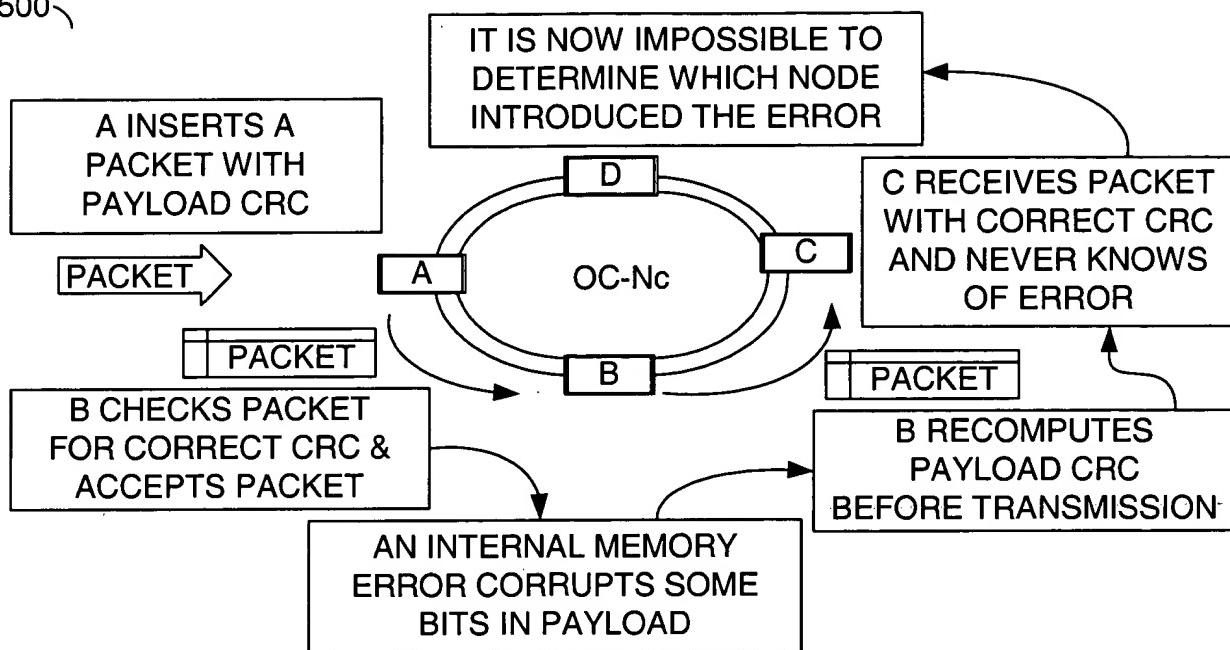
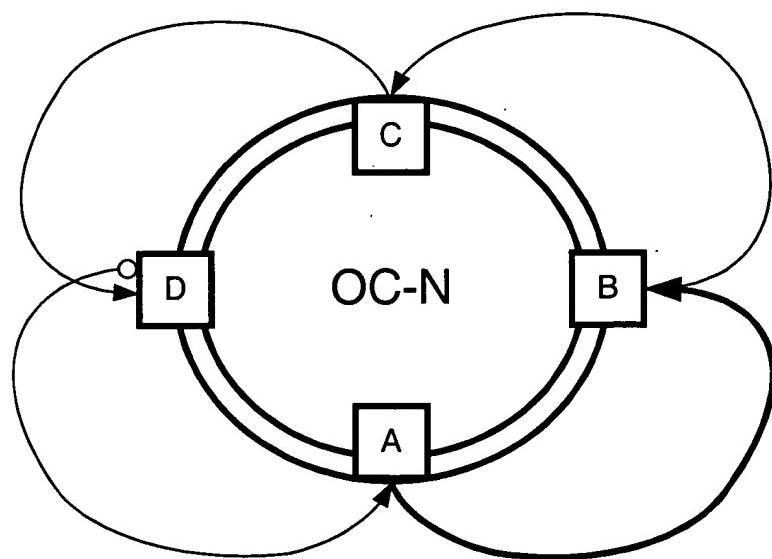
**FIG. 10**

320



**FIG. 12**

500

**FIG. 13****FIG. 14**